

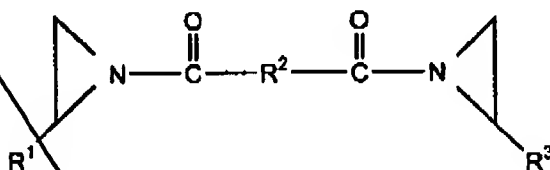
Application No.: 09/998935

Case No.: 56196US011

SubC1
cont.

(A) a copolymer comprising the reaction product of (a) a (meth)acrylate ester of a non-tertiary alcohol in which the alkyl group contains between 1 and 8 carbon atoms, inclusive, and whose homopolymer has a glass transition temperature no greater than about 0°C; and (b) a carboxylic acid-functional, ethylenically unsaturated co-monomer; and

(B) a bis-amide crosslinking agent having the formula:



where R^1 and R^3 independently, are selected from the group consisting of H and C_nH_{2n+1} where n is an integer ranging from 1 to 5, and R^2 is a divalent radical selected from the group consisting of benzeno ($-C_6H_4-$), substituted benzeno, triazine, C_mH_{2m} where m is an integer ranging from 1 to 10, and combinations thereof,

the relative amounts of said co-monomer and said crosslinking agent being selected such that (i) the ratio of the number of equivalents of amide groups to the number of equivalents of carboxylic acid groups is at least about 0.1,

wherein the pressure sensitive adhesive composition comprises no greater than 10% by weight of a tackifier and no greater than 2% by weight of a plasticizer, wherein said composition, when applied to a copper-containing or glass substrate at a thickness of 0.0008 inch and exposed to a temperature of 180°C for 30 minutes, is cleanly removable following heat exposure.

SubC3

15. (Twice Amended) A pressure sensitive adhesive composition consisting essentially of the reaction product of:

B2

(A) a copolymer comprising the reaction product of (a) a (meth)acrylate ester of a non-tertiary alcohol in which the alkyl group contains between 1 and 8 carbon atoms, inclusive, and whose homopolymer has a glass transition temperature no greater than

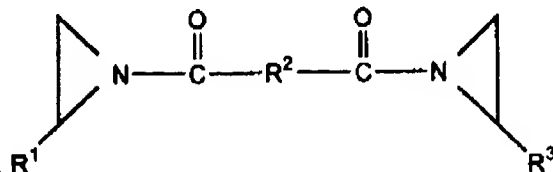
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SubC3
cont

about 0°C; and (b) a carboxylic acid-functional, ethylenically unsaturated co-monomer;
and

(B) a bis-amide crosslinking agent having the formula:



where R¹ and R³ independently, are selected from the group consisting of H and C_nH_{2n+1} where n is an integer ranging from 1 to 5, and R² is a divalent radical selected from the group consisting of benzeno (-C₆H₄-), substituted benzeno, triazine, C_mH_{2m} where m is an integer ranging from 1 to 10, and combinations thereof,

the relative amounts of said co-monomer and said crosslinking agent being selected such that (i) the ratio of the number of equivalents of amide groups to the number of equivalents of carboxylic acid groups is at least about 0.1,

wherein the pressure sensitive adhesive composition comprises no greater than 10% by weight of a tackifier and no greater than 2% by weight of a plasticizer,

wherein said composition, when applied to a copper-containing or glass substrate at a thickness of 0.0008 inch and exposed to a temperature of 180°C for 30 minutes, is cleanly removable following heat exposure.

A version marked up to show changes made to the claim(s) relative to the previous version of the claim(s) is attached.